

In The Claims

Please amend claims 1, 9, 10, 11 and 14 of the present application. Claims 1-5, 9-14 and 16 remain in this application.

1. (Currently Amended) A structure consisting of at least two layers of ~~translucent~~ transparent dielectric containing via holes filed with a conducting material and a pattern of metal electrodes, in which the metal electrode has at least a surface coated with a soldering metal or alloy, which soldering alloy upon alignment of patterns is joined together by heating into a structure joined together, the metal patterns on each layer forming electrodes and at the same time a spacer, which electrodes can be used to produce a display in which ~~the pixels~~ color cells are stacked on top of each other.

2. (Original) The structure of claim 1 including a bottom substrate containing TFT's.

3. (Original) The structure of claim 2 further including a mirror above said bottom substrate and wherein said at least two layers are transparent and said layers are in the range from 2 to 5.

4. (Original) The structure of claim 1 wherein said individual layers carry a pattern upon them and have hollow spaces, which hollow spaces can be filled with an electrophoretic fluid and be suitable to be used as a stacked pixel electrophoretic display.

5. (Original) The structure of claim 4 wherein said hollow spaces are filled with liquid crystal material and at least two of said electrodes are made of transparent ITO and thereby form a stacked liquid crystal display.

Claims 6-8 (Cancelled)

9. (Currently Amended) A structure which has connections running vertically through individual ~~translucent~~ transparent dielectric layers using metal filled via holes which permit to make vertical connections through ~~said~~ individual transparent substrates from TFT's on a bottom plate to individual electrodes in one or more color cell levels, wherein said color cell levels are filled

with electrophoretic fluid, each color cell level in a pixel having a fluid to provide a different fundamental color, further including metal walls in each pixel on each color cell level to provide a ground potential and a respective central electrode activated or deactivated by an applied potential from a respective TFT to collect or disperse said electrophoretic fluid.

10. (Currently Amended) A structure which has connections running vertically through individual ~~translucent~~ transparent dielectric layers using metal filled via holes which permit to make vertical connections through ~~said~~ individual transparent substrates from TFT's on a bottom plate to individual electrodes in one or more color cell levels, wherein said color cell levels are filled with electrophoretic fluid, each color cell level in a pixel having a fluid to provide a different fundamental color and further including metal walls surrounding each pixel and having holes on each side of said pixel to permit forming a meandering path for fluid whereby all pixels can be readily filled with the electrophoretic fluid or a liquid crystal (fluid) without entrapment of air bubbles at times when a vacuum is applied on one side of said structure.

11. (Currently Amended) A structure which has connections running vertically through individual ~~translucent~~ transparent dielectric layers using metal filled via holes which permit to make vertical connections through ~~said~~ individual transparent substrates from TFT's on a bottom plate to individual electrodes in one or more color cell levels, wherein said one or more color cells include hollow spaces containing said individual electrodes, said electrodes are overcoated with a layer of dielectric to permit a potential large enough to collect or disperse electrophoretic fluid without discharging particles in said fluid.

12. (Original) The structure of claim 11 wherein at least one individual electrode is made of transparent ITO and said fluid is a colored liquid crystal fluid to provide a stacked liquid crystal display.

13. (Original) The structure of claim 11 wherein at least one individual electrode is made of transparent ITO and said fluid is a colored liquid crystal fluid to provide a stacked liquid crystal display, said fluid selected to provide a display selected from the group consisting of Guest-Host LCD, Cholesteric LCD, and Holographic Polymer Dispersed LCD.

14. (Currently Amended) A structure which has connections running vertically through individual ~~translucent~~ transparent dielectric layers using metal filled via holes which permit to make vertical connections through ~~said~~-individual transparent substrates from TFT's on a bottom plate to individual electrodes in one or more color cell levels, wherein said one or more color cells include hollow spaces containing said individual electrodes, at least one said individual electrode is made of transparent ITO, said hollow space containing colored electroluminescent material to provide an Organic Light Emitting Diode (OLED).

15. (Cancelled)

16. (Previously Presented) The display of claim 1 where said switch is directly below said respective pixel and said conductor extends from said switch vertically to said connected electrode.